

Title (en)

THE USE OF MOFS IN PRESSURE SWING ADSORPTION

Title (de)

VERWENDUNG VON MOFS IN DER DRUCKSCHWINGUNGSADSORPTION

Title (fr)

UTILISATION DES MOF POUR L'ADSORPTION MODULÉE PAR LA PRESSION

Publication

EP 1963767 A4 20100303 (EN)

Application

EP 06850287 A 20061213

Priority

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Abstract (en)

[origin: WO2007111739A2] A pressure swing adsorption process using metal organic framework materials is presented for removal of light hydrocarbon compounds from a hydrogen gas stream.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [Y] FLETCHER ET AL: "Flexibility in metal-organic framework materials: Impact on sorption properties", JOURNAL OF SOLID STATE CHEMISTRY, ORLANDO, FL, US, vol. 178, no. 8, 1 August 2005 (2005-08-01), pages 2491 - 2510, XP005027299, ISSN: 0022-4596
- [Y] CULP J T ET AL: "Hydrogen storage on porous coordination polymers", MATERIALS SCIENCE AND TECHNOLOGY (MATERIALS SCIENCE AND TECHNOLOGY 2005 CONFERENCE - 20050925 TO 20050928 - PITTSBURGH, PA),, vol. 3, 25 September 2005 (2005-09-25), pages 31 - 41, XP009128243, ISBN: 978-0-87339-645-5
- See references of WO 2007111739A2

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